

Datasheet for ABIN7234519

anti-GSTA1 antibody

6 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	GSTA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Mouse Glutathione S-transferase A1 protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen Affinity Purification

Target Details

Target:	GSTA1
Alternative Name:	GSTA1 (GSTA1 Products)
Background:	This gene encodes a member of a family of enzymes that function to add glutathione to target electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. This action is an important step in detoxification of these compounds. This subfamily of enzymes has a particular role in protecting cells from reactive

Target Details

oxygen species and the products of peroxidation. Polymorphisms in this gene influence the ability of individuals to metabolize different drugs. This gene is located in a cluster of similar genes and pseudogenes on chromosome 6. Alternative splicing results in multiple transcript variants.

Molecular Weight: Observed_MW: 25 kDa
Calculated_MW: 25 kDa

Gene ID: 14857

UniProt: [P13745](#)

Application Details

Application Notes: WB 1:500-1:5000 IHC 1:50-1:300

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

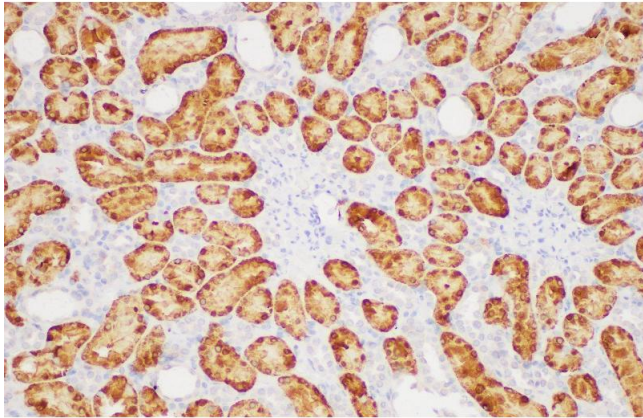
Buffer: PBS with 0.05 % Proclin300, 50 % glycerol, pH 7.3

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

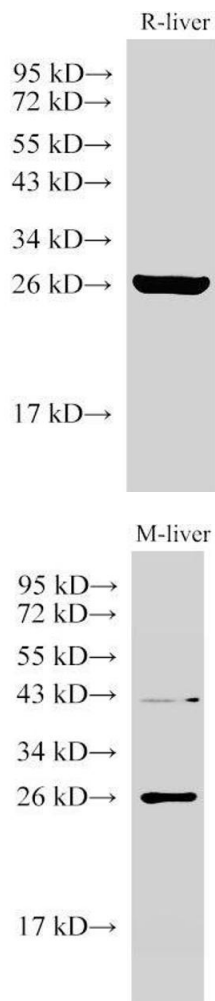
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat kidney using GSTA1 Polyclonal Antibody at dilution of 1:200



Western Blotting

Image 2. Western Blot analysis of Rat liver using GSTA1 Polyclonal Antibody at dilution of 1:3000

Western Blotting

Image 3. Western Blot analysis of Mouse liver using GSTA1 Polyclonal Antibody at dilution of 1:1000

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7234519.